

IN THE CLAIMS

1. (Currently Amended) The method of reducing stress in a center pivot irrigation system during a period of time that the system is not functioning and is experiencing cooler temperatures with the system having:

- a) a pivot support assembly including a horizontally extending pipe portion;
- b) an elongated irrigation pipeline, having inner and outer ends, supported upon a plurality of spaced-apart drive towers;
- c) the inner end of the pipeline being fluidly connected to the horizontally extending pipe portion of the pivot support assembly;

comprising the following steps:

- d) fluidly disconnecting the inner end of the pipeline from the horizontally extending pipe portion of the pivot support assembly;
- e) ~~while~~ maintaining the inner end of the pipeline in alignment with the horizontally extending pipe portion of the pivot support assembly during the time that the inner end of the pipeline is disconnected from the horizontally extending pipe portion of the pivot support assembly to facilitate the fluid reconnection of the inner end of the pipeline to the horizontally extending pipe portion of the pivot support assembly when the system is going to be used to irrigate.

2. (Original) The method of claim 1 wherein a support assembly is secured to and extends between the horizontally extending pipe portion and the inner end of the pipeline.

1 3. (Original) The method of claim 1 wherein a flex joint is provided on said horizontally extending pipe portion.

5 4. (Currently Amended) The method of reducing stress in a center pivot infringement irrigation system during a period of time that the system will not be operating having:

- a) a pivot support assembly including an upstanding pipe connected to a source of water;
- b) a horizontally extending pipe portion at the upper end of the upstanding pipe which is in fluid communication therewith;
- c) an elongated irrigation pipeline supported upon a plurality of spaced-apart driver towers and having inner and outer ends;
- d) the inner end of the pipeline being fluidly connected to the horizontally extending pipe portion;

15 comprising the following steps:

- e) fluidly disconnecting the inner end of the pipeline from the horizontally extending pipe portion;
- f) ~~while maintaining the inner end of the pipeline in alignment with the horizontally extending pipe portion~~ during the time that the inner end of the pipeline is disconnected from the horizontally extending pipe portion of the pivot support assembly to ease the fluid reconnection of the inner end of the pipeline to the horizontally extending pipe portion.

1 5. (Original) The method of claim 4 wherein a support assembly is secured to
and extends between the horizontally extending pipe portion and the inner end of the
pipeline.

5 6. (Original) The method of claim 4 wherein a flex joint is provided on said
horizontally extending pipe portion.

7. (Currently Amended) An irrigation system, comprising:
a pivot support structure;
an elongated irrigation pipeline supported upon a plurality of spaced-apart driver
towers;
said pipeline having inner and outer ends;
said pivot support structure including a generally vertically disposed pipe fluidly
connected to a source of water, and a horizontally extending pipe portion at the
upper end of said generally vertically disposed pipe;
15 said inner end of said pipeline being fluidly connected to said horizontally extending
pipe portion;
a disconnect alignment assembly operatively secured to and extending between said
horizontally extending pipe portion and said inner end of said pipeline;
20 said disconnect alignment assembly adapted to maintain said inner end of said
pipeline in alignment with said pipe portion when said inner end of said pipeline
is fluidly disconnected from said horizontally extending pipe portion to reduce
stress in the system ~~during a period of time that the system will not be~~
functioning during the time that the inner end of the pipeline is disconnected
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1 from the horizontally extending pipe portion of the pivot support assembly and
to facilitate the subsequent reconnection of the inner end of the pipeline to the
horizontally extending pipe portion when the system is going to be used to
irrigate.

5 8. (Original) The irrigation system of claim 7 wherein a flex joint is operatively
secured to said pipe portion.

9. (Original) The irrigation system of claim 7 wherein said disconnect
alignment assembly comprises:

- 10 (a) a first support means secured to said horizontally extending pipe portion;
(b) an elongated member having inner and outer ends, said inner end of
said elongated member being secured to said first support;
(c) a second support means on said inner end of said pipeline;
(d) said second support means movably receiving said elongated member.

15 10. (Cancelled)

11. (Currently Amended) The irrigation system of claim 15 wherein said
second support means is removably clamped onto said inner end of said pipeline.

12. (Cancelled)

20 13. (Cancelled)

14. (Cancelled)

15. (Previously Presented) An irrigation system, comprising:
a pivot support structure;

1 an elongated irrigation pipeline supported upon a plurality of spaced-apart driver
towers;

said pipeline having inner and outer ends;

5 said pivot support structure including a generally vertically disposed pipe fluidly
connected to a source of water, and a horizontally extending pipe portion at the
upper end of said generally vertically disposed pipe;

said inner end of said pipeline being fluidly connected to said horizontally extending
pipe portion;

10 a disconnect alignment assembly operatively secured to and extending between said
horizontally extending pipe portion and said inner end of said pipeline;

said disconnect alignment assembly comprising:

- 15 (a) a first support means secured to said horizontally extending pipe portion;
- (b) an elongated member having inner and outer ends, said inner end of
said elongated member being secured to said first support;
- (c) a second support means on said inner end of said pipeline;
- (d) said second support means movably receiving said elongated member;

20 said second support means including a pair of horizontally spaced-apart support
members; each of said support members having upper and lower rollers
mounted thereon; said elongated member being movably received between
said upper and lower rollers on said support members.